

TEXAS DEPARTMENT OF INSURANCE

Engineering Services Program / MC 103-3A 333 Guadalupe Street P.O. Box 149104 Austin, Texas 78714-9104
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PRODUCT EVALUATION

WIN-1630

Effective Date: August 2012

Reevaluation Date: **March 2015**

*The following product has been evaluated for compliance with the wind loads specified in the **International Residential Code (IRC)** and the **International Building Code (IBC)**.*

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

Series 4100 Aluminum Thermally Broken Single Hung Windows, Non-impact Resistant,
manufactured by

Thermal Windows

12805 East 31st Street

Tulsa, OK 74146-2310

Telephone: (918) 663-7580

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 4100 Thermally Broken Aluminum Single Hung Window	AW-PG75 60 x 99-H	+75, -75

Product Dimensions:

System	Overall Size	Sash Size
1	60" x 99"	57 $\frac{5}{8}$ " x 48 $\frac{7}{16}$ "

Product Identification (Certification Agency Label on Window):

System		
1	Certification Agency	AAMA
	Manufacturer's Name or Code Name	TWI-1
	Product Name	4100 SH
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

Impact Resistance:

Impact Resistant	Requirement
No	Impact protective system required when product is installed in areas where windborne debris protection is required

Installation: The wood wall framing members shall be minimum Spruce-Pine-Fir dimension lumber. The window shall be mounted to the wood wall framing members using the frame of the window. The frame is secured to the wall framing with minimum No. 12 x 2 $\frac{1}{2}$ " screws. The fasteners shall be located approximately 6 inches from each corner and approximately 18 inches on center along the perimeter of the window. The fasteners shall be long enough to penetrate a minimum of 1 $\frac{1}{2}$ inches into the wall framing members.

Note: The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC), the International Building Code (IBC), and the Texas Revisions.